4) Physical Progress of work as on December - 2018

Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

Sl.No	Particulars	Unit	Total Quantity	December		Balance	Percentage Achieved
				Planned	Achieved		
A	**Civil works**						
1	Earth Work For Drain	Cum	7996.35	7996.35	7972.24	24.117	99.70
2	Removing and Resetting of Footpath Slab	Sqm	613.85	613.85	612.36	1.488	99.76
3	Removing & Refixing Stone slabs of drains	Sqm	6241.84	6241.84	6209.91	31.9275	99.49
4	New Drain Granite Slabs of 7.5cms thick	Sqm	795.17	795.17	569.44	225.733	71.61
5	10cm Thick BS Slab	Sqm	265.14	265.14	244.74	20.4	92.31
6	Filling in foundation with granite / trap broken metal	Cum	112.80	112.80	112.77	0.03	99.97
7	plain cement concrete of mix 1:3:6 with OPC cement	Cum	464.26	464.26	454.76	9.49438	97.95
8	centering, shuttering, strutting, for foundations, footings, bases	Sqm	70.00	70.00	70.00	0	100.00
9	KSRB 4-6.4: Providing and removing centering, shuttering,	Sqm	840.00	840.00	840.00	0	100.00
10	centering, shuttering, strutting for flat surface such as	Sqm	296.00	296.00	296.00	0	100.00
11	ready mixed concrete (RMC) for RCC works laid in 15cms	Cum	340.32	340.32	325.84	14.4775	95.75
12	reinforced cement concrete M20 Grade for Box Drain	Cum	92.26	92.26	92.23	0.0315	99.97
13	TMT steel reinforcement Fe500 for R.C.C work	MT	30.42	30.42	29.26	1.1572	96.20
14	solid concrete blocks of size 400x150x200 mm having	Sqm	304.00	304.00	303.52	0.48	99.84
15	size stone masonry in foundation with cement mortar	Cum	17.28	17.28	0	17.28	0.00
16	Providing flush pointing to square rubble, course or	Sqm	28.80	28.80	0.00	28.8	0.00
17	plain cement concrete of mix 1:2:4 with cement	Cum	80.07	80.07	57.33	22.7417	71.60
18	Providing and fixing Ms gratings 260 mmx 260 mm for	Each	60.00	60.00	46.00	14	76.67
19	Providing and fixing M S Grating with all lead and lift	Sqm	1.76	1.76	0.00	1.755	0.00
20	RCC Precast cover slab of 100mm thick for drain	Sqm	138.01	138.01	98.04	39.972	71.04
21	RCC Precast cover slab of 250mm thick for drain in	Sqm	46.80	46.80	18.00	28.8	38.46
22	Scarifying Existing Granular Surface to a Depth of 50mm by	Sqm	2402.00	2402.00	0	2402	0.00
23	Excavation for roadwork in soil with hydraulic excavator	Cum	2282.20	2282.20	2050.02	232.17	89.83
24	wet mix macadam specification including premixing the	Cum	2034.18	2034.18	1902.37	131.81	93.52
25	applying primer coat with SS bitumen emulsion on prepared	Sqm	7354.88	7354.88	7354.80	0.08	100.00

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26	Cleaning the existing black topped surface with brooms,	Sqm	45011.12	45011.12	43308.92	1702.2	96.22
27	applying tack coat using 80/100 grade bitumen (VG10)	Sqm	59894.00	59894.00	57696.88	2197.12	96.33
28	Dense Bituminous Macadam 50-75mm compacted thickness	Cum	375.70	375.70	329.75	45.95	87.77
29	Bituminous Concrete 30-40 mm compacted thickness with	Cum	2094.64	2094.64	2058.318	36.3216	98.27
30	Cement concrete pavement.Construction of un-	Cum	284.00	284.00	283.98	0.01575	99.99
31	Vaccum de-watering with vaccum pump and suction mat	Sqm	2165.00	2165.00	1968.57	196.435	90.93
32	solid concrete kerb stones made out of CC 1:2:4 with top	No.	700.00	700.00	684.44	15.5556	97.78
33	Painting two coats after filling the surface with synthetic	Sqm	110.25	110.25	110.25	0	100.00
34	Construction of Median and island above road level with	Cum	646.50	646.50	467.92	178.58	72.38
35	heavy duty cobble stones 60mm thick interlock pavers,	Sqm	2913.15	2913.15	2744.67	168.485	94.22
36	Providing and resetting of available heavy duty cobble	Sqm	161.85	161.85	161.85	0	100.00
37	thermoplastic compound 2.5 mm thick including	Sqm	1751.75	1751.75	1426.01	325.745	81.40

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Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

Sl.No	Description of work	Units	% Completed	Progress Chart (20% / 40% / 60% / 80% / 100%)
1	Earth Work For Drain	Cum	99.70	
2	Removing and Resetting of Footpath Slab	Sqm	99.76	
3	Removing & Refixing Stone slabs of drains	Sqm	99.49	
4	New Drain Granite Slabs of 7.5cms thick	Sqm	71.61	
5	10cm Thick BS Slab	Sqm	92.31	
6	Filling in foundation with granite / trap broken metal 100mm	Cum	99.97	
7	plain cement concrete of mix 1:3:6 with OPC cement	Cum	97.95	
8	centering, shuttering, strutting, for foundations, footings, bases	Sqm	100.00	
9	KSRB 4-6.4: Providing and removing centering, shuttering, for	Sqm	100.00	
10	centering, shuttering, strutting for flat surface such as suspended	Sqm	100.00	
11	ready mixed concrete (RMC) for RCC works laid in 15cms thick	Cum	95.75	
12	reinforced cement concrete M20 Grade for Box Drain walls of	Cum	99.97	
13	TMT steel reinforcement Fe500 for R.C.C work including straightening,	MT	96.20	
14	solid concrete blocks of size 400x150x200 mm having block	Sqm	99.84	
15	size stone masonry in foundation with cement mortar 1:6, stone	Cum	0.00	
16	Providing flush pointing to square rubble, course or uncoursed stone	Sqm	0.00	
17	plain cement concrete of mix 1:2:4 with cement	Cum	71.60	

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18	Providing and fixing Ms gratings 260 mmx 260 mm for Shoulder	Each	76.67	
19	Providing and fixing M S Grating with all lead and lift	Sqm	0.00	
20	RCC Precast cover slab of 100mm thick for drain	Sqm	71.04	
21	RCC Precast cover slab of 250mm thick for drain in cement concrete	Sqm	38.46	
22	Scarifying Existing Granular Surface to a Depth of 50mm by	Sqm	0.00	
23	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum	Cum	89.83	
24	wet mix macadam specification including premixing the Material	Cum	93.52	
25	applying primer coat with SS bitumen emulsion on prepared	Sqm	100.00	
26	Cleaning the existing black topped surface with brooms, soft brushes	Sqm	96.22	
27	applying tack coat using 80/100 grade bitumen (VG10) on prepared	Sqm	96.33	
28	Dense Bituminous Macadam 50-75mm compacted thickness with	Cum	87.77	
29	Bituminous Concrete 30-40 mm compacted thickness with VG30	Cum	98.27	
30	Cement concrete pavement.Construction of un-	Cum	99.99	
31	Vaccum de-watering with vaccum pump and suction mat	Sqm	90.93	
32	solid concrete kerb stones made out of CC 1:2:4 with top and	No.	97.78	
33	Painting two coats after filling the surface with synthetic enamel paint	Sqm	100.00	
34	Construction of Median and island above road level with approved	Cum	72.38	
35	heavy duty cobble stones 60mm thick interlock pavers, using cement	Sqm	94.22	
36	Providing and resetting of available heavy duty cobble stones 60mm	Sqm	100.00	

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37	thermoplastic compound 2.5 mm thick including reflectorising glass	Sqm	81.40	

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